Managed Switch

SMC6709GL2

Standalone 8-port 10/100 + 1 1000BASE-SX Managed Switch

OVERVIEW

SMC6709GL2 is an intelligent standalone Fast Ethernet Switch with 8 auto-MDIX 10BASE-T/100BASE-TX ports and 1 1000BASE-SX port. With an aggregated bandwidth of up to 3.6Gbps, it has a non-blocking switching architecture. As today's network has diverse needs such as multimedia applications, QoS is also delivered on this TigerSwitch through IEEE802.1Q VLAN's, GVRP and priority queuing to ensure the smooth delivery of mission critical data and security of different multicast groups. SMC6709GL2 is perfect for small or medium networks looking to strengthen its network backbone connection, or Fiber-to-the-home applications for today's newly planned communities.

FEATURES	BENEFITS
Easy to install and integrate: 8-port 10/100 auto-MDIX and 1 fiber port for distance connection of up to 550 meters away.	GUI or Telnet options for easy network administration
Compact 10" case for easy fitting into restrict spaces	4-group RMON support for detailed monitoring of network management
Link aggregation creates high-speed data paths to servers or other switches	MAC Address filtering for secure links
VLAN support provides port VLANs and GVRP for auto-registration	Spanning Tree Protocol creates resilient links for increased stability
IGMP snooping reduces multicast traffic for maximum performance	Limited Life Warranty

SMC Networks

TECHNICAL SPECIFICATIONS SMC6709GL2

PORTS
- 8 auto-MDIX 10BASE-T/ 100BASE-TX RJ-45 ports
- Pre-configured with 1 1000BASE-SX port
- Built-in Network Management

NETWORK INTERFACE
- 10BASE-T: RJ-45 UTP CAT. 3, 4, 5
- 100BASE-TX: RJ-45 UTP CAT. 5
- 1000BASE-SX: SC connector
- Multimode fiber cable; 62.5/125 or 50/125 microns

LEDs
- System: Power
- Port: 10/100, Link/Activity, Duplex/Collision

DIMENSIONS
- 10 x 1.75 x 5.25 in / 25x 38x 13.2 cm

WEIGHT
- 2 lbs / 6 oz

HUMIDITY
- Operating: 10% to 9% (non-condensing)

TEMPERATURE
- Operating: 32 to 113°F / 0° to 45°C
- Storage: -40 to 158°F / -40° to 70°C

WARRANTY
- Limited Lifetime

BUFFER ARCHITECTURE
- 2Mbits

SWITCH BANDWIDTH CAPACITY
- 3.6Gbps

AC INUT
- 100 to 240V, 50 to 60Hz

POWER SUPPLY
- Internal, auto-ranging transformer: 100 to 240VAC, 47 to 63Hz

POWER CONSUMPTION
- 19W max. @ 100-240 VAC

MAXIMUM CURRENT
- 0.16A max. @ 110V

SWITCH FEATURES
- Spanning Tree Protocol
- Store-and-Forward
- Flow Control
  - Full Duplex: IEEE802.3x
  - Half Duplex: back pressure
- VLAN support
  - Up to 128 groups; port-based or with 802.1Q
- VLAN tagging, GVRP for automatic VLAN learning
- Class of Service
  - Supports two levels of priority
- Broadcast storm control
- Link Aggregation
- Port Mirroring

MANAGEMENT FEATURES

IN-BAND MANAGEMENT
- Telnet, Web-based HTTP, or SNMP manager

Out-of-BAND MANAGEMENT
- RS-232 DB-9 console port Software Loading
- TFTP in-band or Xmodem out-of-band
- MIB Support
  - MIB II (RFC 1213), Bridging MIB (RFC 1493), Ethernet-like MIB (RFC 1643), RMON MIB (RFC 1757)

RMON SUPPORT
- Groups 1, 2, 3, 9 (Statistics, History, Alarm, Event)

STANDARD
- IEEE802.3 Ethernet, IEEE802.3u Fast Ethernet
- IEEE802.1D Spanning Tree Protocol
- IEEE802.1Q VLAN
- IEEE802.1P Priority Tags
- IEEE802.3x Full-Duplex, Flow Control
- SNMP (RFC 1157), RMON (RFC 1757), ARP (RFC 826), IGMP (RFC 1112), MIB II (RFC 1213), Ethernet-like MIB (RFC 1643), Bridge MIB (RFC 1493)

COMPLIANCES

CERTIFICATION
- CE MarkEmissions
- FCC Class A, CISPR Class A Immunity
- IEC 1000-4-2/3/4/6

SAFETY
- CSA/NRTL (CSA22.22950 & UL 1950), EN60950 (TUV/GS)

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